CLAIMS

What is claimed is:

1. A system for a scanner executing scanning, said system comprising:

a virtual hardware module in an electrical apparatus, said virtual hardware module corresponding to said scanner and used for receiving a plurality of commands from said electrical apparatus, said virtual hardware module and displaying on said electrical apparatus; and

a scanner control module in said electrical apparatus, said scanner control module communicating with said scanner via said electrical apparatus and said virtual hardware module, said scanner control module for controlling and executing said commands from said virtual hardware module .

2. The system of claim 1, wherein said electrical apparatus comprises:

a storage module and a plurality of application program, said virtual hardware module, and said scanner control module therein;

an input module for selecting said virtual hardware module and inputting said commands ;

an output module for displaying said virtual hardware module; and

a control module communicating with said scanner for coordinating said storage module, said input module and output

module.

3. The system of claim 1, wherein said virtual hardware module comprises a virtual storage device displayed on said electrical

5   apparatus .

4. The system of claim 3, wherein said virtual storage device comprises a virtual hard disk device icon.

10   5. The system of claim 1, wherein said virtual hardware module further comprises a scanner object displayed in said electrical apparatus and said scanner object is for receiving said commands from said electrical apparatus.

15   6. The system of claim 1, wherein said commands comprise opening said virtual hardware module for a command of executing scanning by double clicking.

7. The system of claim 1, wherein said commands further

20   comprise opening said virtual hardware module for a command of executing scanning by dragging and dropping.

8. The system of claim 1, wherein said commands further comprise opening said virtual hardware module for setting a storage

25   location of a scanned data by dragging and dropping.

9. A system in a computer for a scanner executing scanning, said system comprising:

a virtual hardware module for receiving and transferring a plurality of commands from said computer, said virtual hardware module corresponding to said scanner and displayed as a virtual storage device icon in an operating system of said computer; and

a scanner control module communicating with said virtual hardware module and said scanner via said computer, said scanner control module for controlling and said commands from said virtual hardware module and transferring said commands to said scanner to executing said commands.

10. The system of claim 9, wherein said virtual storage device icon comprises a virtual hard disk device icon.

11. The system of claim 9, wherein said virtual hardware module further comprises a scanner object displayed in said operating system and said scanner object is for receiving said commands from said computer.

12. The system of claim 11, wherein said commands comprise opening said scanner object for a command of executing scanning by double clicking.

13. The system of claim 11, wherein said commands further comprise opening said scanner object for a command of executing

scanning by dragging and dropping.

14. The system of claim 11, wherein said commands further comprise opening said scanner object for setting a storage location of a scanned data by dragging and dropping.

15. A method for a scanner executing scanning, said method comprising:

displaying a virtual hardware icon in a computer, said virtual hardware icon corresponding to said scanner for receiving a plurality of commands from said computer;

selecting said virtual hardware icon for commanding a command of executing scanning;

executing scanning by said scanner according to said command of executing scanning; and

saving scanned data.

16. The method according to claim 15, wherein said selecting step comprises opening a scanner object of said virtual hardware icon for commanding said command of executing scanning by double clicking with a mouse of said computer.

17. The method according to claim 15, wherein said selecting step comprises opening a scanner object of said virtual hardware icon for commanding said command of executing scanning by dragging and dropping with a mouse of said computer.

18. The method according to claim 15, wherein said selecting step comprises opening a scanner object of said virtual hardware icon for setting a storage location of scanned data by dragging and dropping with a mouse of said computer.

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19. The method according to claim 15, wherein said virtual hardware icon comprises a virtual hard disk device icon displayed in an operating system of said computer.

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20. The method according to claim 15, wherein said scanner is communicated with said computer through a connecting network.